

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (Original). An overload clutch assembly for a power tool having a spindle for rotatingly driving a working member of the tool and a spindle rotary drive train for rotatingly driving the spindle, the assembly comprising:

an overload clutch having a first mode in which rotary drive is transmitted to the spindle when a torque below a first predetermined level is applied to the clutch, and transmission of rotary drive to the spindle is cut when a torque above said first predetermined level is applied to the clutch, and at least one second mode in which rotary drive is transmitted to the spindle when a torque below a respective second predetermined level, lower than said first predetermined torque, is applied to the clutch, and transmission of rotary drive to the spindle is cut when a torque above said second predetermined level is applied to the clutch; and

at least one actuator device for switching said overload clutch between said first mode and at least one said second mode.

2 (Currently Amended). An overload clutch assembly according to claim 1, wherein the overload clutch comprises at least one driving gear adapted to be driven by a rotary drive train of the tool, at least one first driven gear for transmitting rotary drive to the spindle, a first coupling device for coupling at least one said driving gear and at least one said first driven gear in said first mode when a torque below said first predetermined level is applied to the clutch and enabling decoupling of said driving gear and first driven gear when a torque above the first predetermined level is applied to the clutch, at least one respective second driven gear for transmitting rotary drive to the spindle, and at least one respective second coupling device for coupling at least one said driving gear and at least one said second driven gear when a torque below the corresponding said second predetermined level is applied to the clutch in at least one said second mode, and enabling decoupling of said driving gear and second driven gear when a torque above the second predetermined level is applied to the clutch.

3 (Currently Amended). An overload clutch assembly according to claim 2, wherein at least one said coupling device couples at least one driving gear and at least one corresponding driven gear by means of a respective set of locking elements acting between at least one said driving gear and at least one corresponding said driven gear.

4 (Currently Amended). An overload clutch assembly according to claim 3, wherein a plurality of said locking elements comprise ball bearings.

5 (Cancelled).

6 (Currently Amended). An overload clutch assembly according to claim 3 ~~any one of claims 3 to 5~~, wherein the actuator device is adapted to fix the rotational position of at least one said second driven gear relative to at least one said first driven gear in said first mode.

7 (Currently Amended). An overload clutch assembly according to claim 6, wherein at least one said first driven gear and at least one said second driven gear are mounted to a common shaft, and at least one said second driven gear is non-rotatably mounted to said shaft in the first mode thereof and is rotatable relative to said shaft in the second mode thereof.

8 (Cancelled).

9 (Currently Amended). An overload clutch assembly according to claim 1 ~~any one of the preceding claims~~, wherein at least one said actuator device is adapted to switch the overload clutch to a said second mode thereof when the tool is switched on.

10 (Currently Amended). An overload clutch assembly according to claim 1 ~~any one of the preceding claims~~, further comprising at least one biasing device for urging the overload clutch to a said second mode thereof.

11 (Cancelled).

12 (Original). A switching assembly for switching an overload clutch assembly of a power tool between a first mode thereof and at least one second mode thereof, the assembly comprising:

an actuator member movable between a first position corresponding to a first mode, and at least one second position, corresponding to a respective second mode of the clutch assembly;

at least one connector member for actuating at least one actuator device of the clutch assembly in response to actuation of said actuator member; and

a latching device for releasably retaining said actuator member in at least one said second position.

13 (Currently Amended). A[[n]] switching assembly according to claim 12, further comprising at least one biasing device for urging the actuator device of the clutch assembly to at least one said second mode thereof.

14 (Currently Amended). A[[n]] switching assembly according to claim 13, wherein at least one said biasing device comprises a flexible lever.

15 (Currently Amended). A[[n]] switching assembly according to claim 12 ~~any one of claims 12 to 14~~, wherein at least one said connector member comprises a cable.

16 (Currently Amended). A[[n]] switching assembly according to claim 12 ~~any one of claims 12 to 15~~, wherein said latching device comprises at least one releasable abutment for abutting a resilient member provided on said actuator member.

17 (Currently Amended). A[[n]] switching assembly according to claim 12 ~~any one of claims 12 to 16~~, further comprising a release device for releasing said latching device.

18 (Currently Amended). A[[n]] switching assembly according to claim 17, wherein said release device comprises an electromagnet for displacing said abutment.

19 (Currently Amended). A[[n]] switching assembly according to claim 17 ~~or 18~~, wherein said release device is adapted to be actuated on switching on of the tool.

20 (Cancelled).

21 (Currently Amended). A power tool comprising a spindle for rotatingly driving an output member of the tool;

a spindle rotary drive train for rotatingly driving the spindle; and

an overload clutch assembly ~~according to any one of claims 1 to 11~~ comprising:

an overload clutch having a first mode in which rotary drive is transmitted to the spindle when a torque below a first predetermined level is applied to the clutch, and transmission of rotary drive to the spindle is cut when a torque above the first predetermined level is applied to the clutch, and a second mode in which rotary drive is transmitted to the spindle when a torque below a second predetermined level, lower than the first predetermined level, is applied to the clutch, and transmission of rotary drive to the spindle is cut when a torque above the second predetermined level is applied to the clutch; and

an actuator device for switching the overload clutch between the first mode and the second mode.

22 (Withdrawn). A power tool according to claim 21, further comprising: ~~a switching assembly according to any one of claims 12 to 20~~

an actuator member movable between a first position corresponding to the first mode of the overload clutch, and a second position, corresponding to the second mode of the overload clutch;

a connector member for actuating the actuator device of the clutch assembly in response to actuation of the actuator member; and

a latching device for releasably retaining said actuator member in the second position.

23-58 (Cancelled)

59 (New). A power tool according to claim 21, wherein the overload clutch further comprises:

a driving gear adapted to be driven by the rotary drive train,

a first driven gear for transmitting rotary drive to the spindle,

a first coupling device for coupling the driving gear and the first driven gear in the first mode when a torque below the first predetermined level is applied to the clutch and enabling decoupling of the driving gear and the first driven gear when a torque above the first predetermined level is applied to the clutch,

a second driven gear for transmitting rotary drive to the spindle, and

a second coupling device for coupling the driving gear and the second driven gear when a torque below the second predetermined level is applied to the clutch in the second mode, and enabling decoupling of the driving gear and the second driven gear when a torque above the second predetermined level is applied to the clutch.

60 (New). A power tool according to claim 59, wherein the first coupling device couples the driving gear and the first driven gear driven gear via a plurality of locking elements acting between the driving gear and the first driven gear.

61 (New). A power tool according to claim 60, wherein the plurality of locking elements comprise ball bearings.

62 (New). A power tool according to claim 60, wherein the actuator device is adapted to fix the rotational position of the second driven gear relative to the first driven gear, when in the first mode.

63 (New). A power tool according to claim 22 further comprising a biasing device for urging the actuator member to the second position.

64 (New). A power tool according to claim 63, wherein the biasing device comprises a flexible lever.